

## ARCS IRT Blackbody Calibration Check Form

### I. Calibration information

	Calibration	Calibration Check	Field Calibration	
This is a (check which):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Date:	GMT Begin Time:	End Date:	GMT End Time:	ARCS #
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
MM/DD/YY		MM/DD/YY		
Instrument / System:	TWP OMS Part Number(s):		TWP OMS Serial Number(s):	
IRT SKYRAD	KT19.85		<input type="text"/>	
IRT GNDRAD	KT19.85		<input type="text"/>	
Location (eg. PNNL, Manus):	Participant(s):	Issued by:	Signature(s):	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Reference Instrument(s):	TWP OMS Part Number(s):		TWP OMS Serial Number(s):	
Everest Reference Blackbody	1000		<input type="text"/>	
Everest Reference Blackbody	1000		<input type="text"/>	
Current Configuration Version:	New Configuration Version:			
<input type="text"/>	<input type="text"/>			

## II. Initial Values

After Removal from Mirror Holder						
Sensor/Element:	Reference Blackbody	Reading at IRT	Reading at ADaM	Reference Blackbody	Reading at IRT	Reading at R1
IRT SKYRAD						
IRT GNDRAD						
Looking Directly Vertically at Sky			Looking at Sky with Mirror after Replacement			
IRT SKYRAD						
After Replacement of Lens						
IRT SKYRAD						
IRT GNDRAD						
Using Blackbody Holder after IRT Replaced						
IRT SKYRAD						

## III. Final Values

UNCHANGED: ☐

CHANGED: ☐

Sensor/Element:	Reference Blackbody	Reading at IRT	Reading at R1
IRT SKYRAD			
IRT GNDRAD			

## IV. Statistics(if applicable)

No. of Samples:	Std. Dev.	CF Range %	Uncertainty %

**V. Calibration Change**(if applicable)

Sensor or Parameter	Sensor Serial No.	Internal Resistance (Ohms)	Original Sensitivity (Volts/Unit)	Offset	Quadratic
	Old	Old	Old	Old	Old
	New	New	New	New	New
IRT GRNRAD					

Document(s) Referenced:

PRO(IRT)-005.006

Document(s) Updated:

PRO(IRT)-005.005

**PROBLEMS:**

**NOTES:**